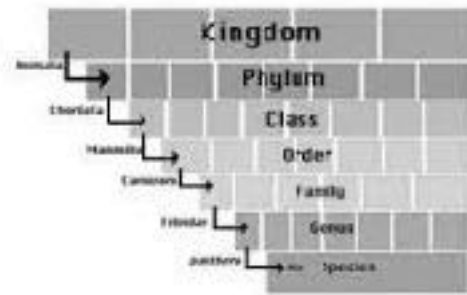
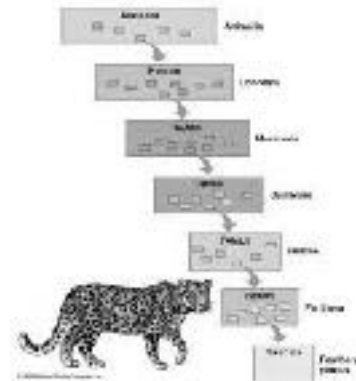


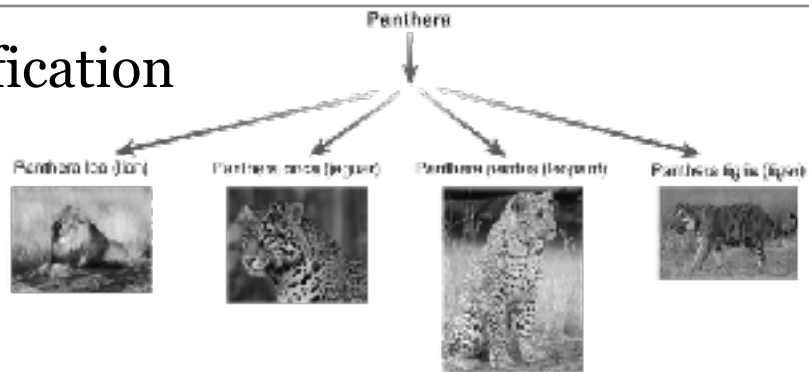
Classification is the process of grouping things based on their similarities.



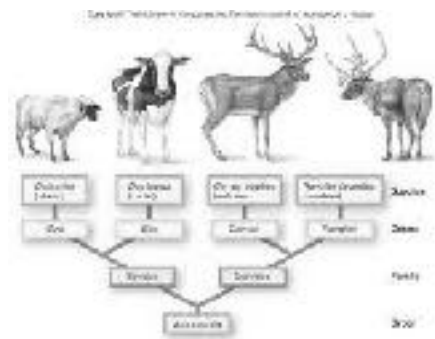
The scientific study of how living things are classified is called taxonomy.



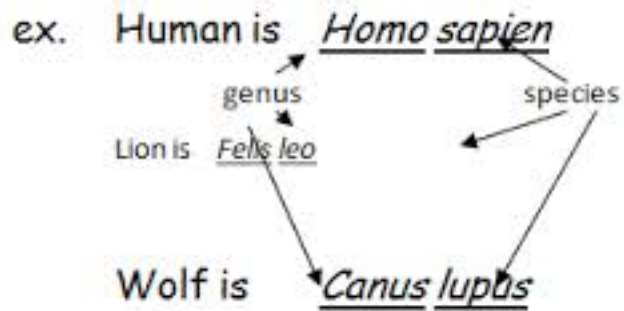
A genus is a classification grouping that contains similar, closely related organisms.



A species is a group of similar organism's that can mate and produce offspring that can also mate and produce offspring.



A unique, two-part scientific name called binomial nomenclature.



Field guides are books with illustrations that highlight differences between similar-looking organisms.



A taxonomic key is a series of paired statements that describe the physical characteristics of different organisms.

Taxonomic Key

1a Fruits occur singly	Go to 0
1b Fruits occur in clusters of two or more	Go to 2
2a Fruits are round	Grapes
2b Fruits are elongate	Bananas
3a Thick skin that separates easily from flesh	Oranges
3b Thin skin that adheres to flesh	Go to 4
4a More than one seed per fruit	Apples
4b One seed per fruit	Go to 5
5a Hair covered with fuzz	Peaches
5b Hair smooth without fuzz	Plums

What is/are would you use to identify an apple?

The process by which species gradually change over time is called evolution.

